



SDMS DocID

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Lord Corporation

2000 West Grandview Blvd.
P. O. Box 10038
Erie, PA 16514-0038
814:868-0924
FAX: 814:864-3452

CERTIFIED MAIL

Mr. David P. Turner, RPM (3HW22)
United States Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107-4431

September 3, 1996

Reference: Lord-Shope RA Monthly Progress Report

Dear Mr. Turner:

Lord is hereby submitting five copies of the monthly progress report for the period of August 1 through September 1, 1996.

The following work was conducted during this period:

REMEDIAL ACTION

The thermal oxidizer was repaired by Thermtech and operated normally during this interim. Methane content of landfill gasses remain low (0.06%), vapors were extracted at about 147 cfm and operation in general appeared normal. Treatment efficiency was measured at 99.97%.

The groundwater treatment unit operation was normal during this interim. Lord has installed a screen upstream of the filter system solenoid to intercept large particulate matter which could foul valves. A copy of the NPDES results for July was submitted under separate cover.

Response to the Intrinsic Remediation Work Plan and Revision 1 of the Long Term Monitoring Plan, which were submitted in March of 1996, were received from USEPA and PADEP on August 26, 1996. Robert Kimball of PADEP also submitted an additional request for information to facilitate PADEP plans to review both outstanding Consent Decrees for the site and propose a single long term monitoring plan to resolve the current sampling issue; Lord will respond to this request in September. In conjunction with these plans, a baseline study for standard and intrinsic remediation measurement parameters was initiated prior to startup of the groundwater treatment system. Results of this sampling event are in the validation process and should be available in



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September. The USEPA comments are extensive (17 pages) and will require significant review by Lord and Eckenfelder before response. Also, many of the questions pertain to groundwater hydraulic drawdown and groundwater quality for both chemical and biological parameters. A review of the treatment facility operation and the groundwater quality data from the latest sampling event will provide a current status response to USEPA questions.

The installation of the treatment plant is complete and performance standards have been attained for both operable units. A pre-certification inspection was held on Thursday, August 8, 1996 at the site. Attendees were Lord, Eckenfelder, Dames & Moore, USEPA, PADEP, and Halliburton NUS, the USEPA Over Sight contractor.

USEPA agreed to Lord submittal of the certification report in September; Lord and Eckenfelder are now preparing this report. The media visited the site the day of the meeting; Pat Gaughan, the Public Relations coordinator for the site for USEPA also attended the meeting.

USEPA stated that "construction complete" had not been attained at the site because of the outage of the thermal oxidizer for repairs. Lord respectfully disagrees with this position. The thermal oxidizer has been operating successfully since November of 1995 and has met treatment requirements per specification.

MISCELLANEOUS:

The monthly inspection was performed and the site is in good condition. There is evidence of burrowing animals on the cap of the landfill; the cap liner does not appear to have been breached. Lord has initiated a plan to control these animals by trapping; a number of the animals have been eliminated.

PADEP have continued to assist Lord by participating in the groundwater sampling on Over Lake property. Their assistance is greatly appreciated.

USEPA reported that the Army Corps had completed the assessment of the Over Lake property; a final report target date is September.



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USEPA advises that R. F. Weston company will be the oversight contractor who will conduct NPDES sampling at the site; the Weston sampling event may not coincide with the Lord monthly samples.

A copy of the operation and maintenance plan was provided to USEPA, PADEP, and to Garth Glenn of Halliburton NUS at the August 8, 1996 meeting.

Very truly yours,

LORD CORPORATION

A handwritten signature in cursive script that reads "Eugene A. Miller".

Eugene A. Miller
Manager, Environmental Services

EAM96054w/ag

cc: (b) (4) - Eckenfelder, Inc.
(b) (4) - Eckenfelder, Inc.
Robert J. Kimball, PADEP (Certified Mail - 3 copies)